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<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	09/869,542	SUURONEN ET AL.	
	Examiner	Art Unit	
	Nam V. Nguyen	2612	

**– The MAILING DATE of this communication appears on the cover sheet with the correspondence address–**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/5/06.
2. ☒ The allowed claim(s) is/are 1-4, 6-10, 12, 14-15, 17-20, 22-26, 28-32, 36-46, 56-71 and 73-80.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance             |
|   | 9. <input type="checkbox"/> Other _____   |

### EXAMINER'S AMENDMENT

Authorization for this examiner's amendment was given in a telephone interview with William J. Allen (Reg. No. 51,393) on July 6, 2006.

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The claims have been amended as follows:

1. (Currently Amended) An arrangement for configuring system a ~~devices of a system~~ by transferring control information defining a user's preferences from a portable controller ~~thereto~~ to a system, wherein the portable controller comprises:

memory circuitry arranged to store first control information defining the user's preferences for configuring a first device in association with a first identifier, and second control information defining the user's preferences for configuring a second device in association with a second identifier, and arranged to retrieve the first control information defining the user's preferences for configuring the first device in response to a request including the first identifier, and to retrieve the second control information defining the user's preferences for configuring the second device in response to a request including the second identifier ~~and retrieve control information defining the user's preferences for configuring the device; and~~

a radio transceiver operable to transmit and receive on a low power radio frequency bi-directional link in order to transfer to the system the retrieved control information defining the user's preferences for configuring at least one of the system devices; and

wherein the system comprises:

a radio transceiver for coupling with the radio transceiver of the portable controller to transmit and receive on the low power radio frequency bi-directional link with the portable controller in order to transfer the retrieved control information defining the user's preferences to the system; and

control means arranged to configure at least one of the system devices in dependence upon the transferred control information defining the user's preferences.

17. (Currently Amended) A portable controller for storing control information defining a user's preferences for ~~a-system devices~~ and for configuring system a-devices of the system by transferring control information defining the user's preferences to a the-system, the portable controller comprising:

memory circuitry arranged to store first control information defining the user's preferences for configuring a first device in association with a first identifier, and second control information defining the user's preferences for configuring a second device in association with a second identifier, and arranged to retrieve the first control information defining the user's preferences for configuring the first device in response to a request including the first identifier, and to retrieve the second control information defining the user's preferences for configuring the second device in response to a request including the second identifier~~and retrieve control information defining the user's preferences for configuring the device~~; and

a radio transceiver operable to transmit and receive on a low power radio frequency bi-directional link in order to transfer to the system the retrieved control information defining the user's preferences for configuring at least one of the system devices.

39. (Currently Amended) A controller as claimed in claim ~~21~~17, wherein the memory circuitry stores and retrieves information identifying a particular system and only outputs control information corresponding to the device or devices of that particular system.

43. (Currently Amended) A controller as claimed in claim ~~21~~17, wherein the controller comprises means for performing a handshaking procedure with the system.

59. (Currently Amended) A controller as claimed in claim ~~21~~17, wherein the power to operate said controller is provided by the system to which control information is transferred.

65. (Currently Amended) A controller as claimed in claim ~~27~~17, wherein the power to operate said controller is provided by the system to which control information is transferred.

67. (Currently Amended) A method for configuring system ~~a device~~ ~~of a system~~ by transferring control information defining a user's preferences to a the ~~the~~ system from a portable controller, comprising the steps of:

the portable controller stores first control information defining the user's preferences for configuring a first device in association with a first identifier, and second control information defining the user's preferences for configuring a second device in association with a second identifier;

the portable controller retrieves the first control information defining the user's preferences for configuring the first device, when the portable controller receives a request including the first identifier, and the portable controller retrieves the second control information defining the user's preferences for configuring the second device, when the portable controller receives a request including the second identifier~~and retrieves the control information defining the user's preferences for configuring the device;~~ and

the portable controller transmits and receives on a low power radio frequency bi-directional link in order to transfer to the system the retrieved control information defining the user's preferences for configuring at least one of the system ~~the~~ devices.

68. (Previously Presented) A method as claimed in claim 67, wherein the portable controller stores and retrieves information identifying a particular system and only outputs control information corresponding to the device or devices of that particular system.

69. (Previously Presented) A method as claimed in claim 68, wherein the portable controller maintains a look-up table for associating the identity of the system and its device or devices with the respective device control information.

70. (Currently Amended) An arrangement for configuring vehicle management system ~~a devices of a vehicle management system~~ by transferring control information defining a user's preferences from a portable controller to a vehicle management system ~~thereto~~, wherein the portable controller comprises:

memory circuitry arranged to store first control information defining the user's preferences for configuring a first device in association with a first identifier, and second control information defining the user's preferences for configuring a second device in association with a second identifier, and arranged to retrieve the first control information defining the user's preferences for configuring the first device in response to a request including ~~associated with~~ the first identifier, and to retrieve the second control information defining the user's preferences for configuring the second device in response to a request including ~~associated with~~ the second identifier; and

output means for transferring to the vehicle management system the retrieved control information defining the user's preferences for configuring at least one of the vehicle management system ~~devices~~; and

wherein the vehicle management system comprises:

means for coupling with the output means of the portable controller to transfer the retrieved control information defining the user's preferences to the vehicle management system; and

control means arranged to configure at least one of the vehicle management system a devices in dependence upon the transferred control information defining the user's preferences.

71. (Currently Amended) A portable controller ~~defining the user's preferences for~~ storing control information defining a user's preferences for ~~a vehicle management system devices~~ and for configuring vehicle management system a devices ~~of the vehicle management system~~ by transferring control information defining the user's preferences to a vehicle management ~~the system~~, the portable controller comprising:

memory circuitry arranged to store first control information defining the user's preferences for configuring a first device in association with a first identifier, and second control information defining the user's preferences for configuring a second device in association with a second identifier, and arranged to retrieve the first control information defining the user's preferences for configuring the first device in response to a request including ~~associated with the~~ first identifier, and to retrieve the second control information defining the user's preferences for configuring the second device in response to a request including ~~associated with the~~ second identifier; and

output means for transferring to the vehicle management system the retrieved control information defining the user's preferences for configuring at least one of the vehicle management system devices.

***Allowable Subject Matter***

Claims 1-4, 6-10, 12, 14-15, 17-20, 22-26, 28-32, 36-46, 56-71 and 73-80 are allowed.

The proposed amendments filed on June 5, 2006 and July 3, 2006 have not been entered.

The following is an examiner's statement of reasons for allowance: The prior art of record fails to disclose or suggest a memory circuitry arranged to store first control information defining the user's preferences for configuring a first device in association with a first identifier; and second control information defining the user's preferences for configuring a second device in association with a second identifier, and arranged to retrieve the first control information defining the user's preferences for configuring the first device in response to a request including the first identifier, and to retrieve the second control information defining the user's preferences for configuring the second device in response to a request including the second identifier.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nam V Nguyen whose telephone number is 571-272-3061. The examiner can normally be reached on Mon-Fri, 8:00AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wendy Garber can be reached on 571- 272-7308. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-872-9314 for After Final communications.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications

Art Unit: 2612

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nam Nguyen  
July 10, 2006



BRIAN ZIMMERMAN  
PRIMARY EXAMINER